

Docket No.: 0020-5489PUS1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Robert William WARD et al.

Application No.: 10/581,723

Confirmation No.: 8547

Filed: June 5, 2006

Art Unit: N/A

For: NOVEL COMPOUNDS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (SUBMISSION AFTER FILING OF AN APPLICATION BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE OR CONCURRENTLY WITH A RULE 1.114 RCE APPLICATION)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. <u>LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION</u>

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-SB08(s), attached hereto.

II. COPIES

a. Copies of cited U.S. patents and patent application publications are not included. Copies of foreign patent documents and non-patent literature are included.

Application No.: 10/581,723 Docket No.: 0020-5489PUS1 b. Some or all of the documents listed on the PTO-SB08 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned. c. REFERENCES PREVIOUSLY CITED OR SUBMITTED - Pursuant to 37 C.F.R. §1.98(d), consideration of information listed on the PTO-SB08 form(s) is requested since any patents, publications, or other information which are listed on the PTO-SB08 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120: U.S. Appl. No(s) and U.S. Filing Date PCT/JP2004/019455 filed December 17, 2004 III. **CONCISE EXPLANATION OF THE RELEVANCE** (check at least one box) 冈 DOCUMENTS IN THE ENGLISH LANGUAGE - The patents, publications, or other information listed on the attached PTO SB08 are in the English language and therefore, do not require a statement of relevancy. b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE - A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows: ENGLISH LANGUAGE SEARCH REPORT - An English language version of the search c. report or action that indicates the degree of relevance found by the foreign office is attached. thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3). d. OTHER - The following additional information is provided for the Examiner's consideration.

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Docket No.: 0020-5489PUS1 IV. <u>FEES</u> (check one box) a. This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required. This Information Disclosure Statement is being filed concurrent with the filing of b. a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required. This Information Disclosure Statement is being filed within three months of the c. filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required. (This section is not to be used with RCE's.) d. This Information Disclosure Statement is being filed within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. $\S 1.97(b)(2)$). No fee or statement is required. This Information Disclosure Statement is being filed concurrently with the filing e. of a Request for Continued Examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required. M f. This Information Disclosure Statement is being filed before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account for the fee as required by 37 C.F.R. § 1.17(p). g. This Information Disclosure Statement is being filed before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)). No statement; therefore, a fee as required by 37 C.F.R. § 1.17(p) is attached.

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or

Application No.: 10/581,723 Docket No.: 0020-5489PUS1 See the statement below. No fee is required. V. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box) The undersigned hereby states that: Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than 30 days prior to the filing of this IDS; or Each item of information contained in the IDS was first cited in any b. communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or c. No item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS. d. Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable

VI. <u>PAYMENT OF FEES</u> (check one box)

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replies, to charge paymo	ent or credit any overpayment to	orized in this, concurrent, and future our Deposit Account No. 02-2448 for under § 1.17; particularly, extension of
Dated: December 18, 20	006 Respectfully s	ubmitted,
	8110 Gatehou Suite 100 East P.O. Box 747	VART, KOLASCH & BIRCH, LLP se Road Virginia 22040-0747
Attachment(s):	,	FF
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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

heet	1	of	3
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Substitute for form 1449/PTO

Complete if Known					
Application Number	10/581,723-Conf. #8547				
Filing Date	June 5, 2006				
First Named Inventor	Robert William WARD				
Art Unit	N/A				
Examiner Name	Not Yet Assigned				
Attomey Docket Number	0020-5489PUS1				

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	,			
Initiats*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T°			
	ВА	WO-02/18320-A	03-07-2002						
	ВВ	WO-00/37444	06-29-2000						

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Examiner Signature	Date Considered	· · · · · · ·
Birch, Stewart, Kolasch & Birch, LLP		GMM/jg

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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/581,723-Conf. #8547
INFO	PRMATI	ON D	SCLOSURE	Filing Date	June 5, 2006
STATEMENT BY APPLICANT				First Named Inventor	Robert William WARD
				Art Unit	N/A
(Use as many sheets as necessary)			s necessary)	Examiner Name	Not Yet Assigned
heet	3	of	3	Attorney Docket Number	0020-5489PUS1

CR	Andrew, David P., et al., "Distinct but Overlapping Epitopes are Involved in α4β7-Mediated Adhesion to Vascular Cell Adhesion Molecule-1, Mucosal Addressin-1, Fibronectin, and Lymphocyte Aggregation", The Journal of Immunology, Vol. 153, pgs. 3847-3861, (1994).	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Signature	Considered
Birch, Stewart, Kolasch & Birch, LLP	GMM/jg



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Sut	ostitute for form 1449/PTO			Complete if Known		
				Application Number	10/581,723-Conf. #8547	
11	NFORMATIO	N DIS	SCLOSURE	Filing Date	June 5, 2006	
l s	TATEMENT	BY A	APPLICANT	First Named Inventor	Robert William WARD	
-				Art Unit	N/A	
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned	
Sheet	2	of	3	Attorney Docket Number	0020-5489PUS1	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CA	Butcher, Eugene C., "Leukocyte-Endothelial Cell Recognition: Three (or More) Steps to Specificity and Diversity", Cell, Vol. 67, pgs. 1033-1036, (1991).	
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:	СМ	Bochner, Bruce S., et al., "Adhesion of Human Basophils, Eosinophils, and Neutrophils to Interleukin 1-activated Human Vascular Endothelial Cells: Contributions of Endothelial Cell Adhesion Molecules", J. Exp. Med., Vol. 173, pgs. 1553-1556, (June 1991).	
	CN	Ibbotson, Geoffrey C., et al., "Functional α4-integrin: A newly identified pathway of neutrophil recruitment in critically ill septic patients," Nature Medicine, Vol. 7, No. 4, pgs. 465-470, (April 2001).	
	CO	Elices, Mariano J., et al., "VCAM-1 on Activated Endothelium Interacts with the Leukocyte Integrin VLA-4 at a Site Distinct from the VLA-4/Fibronectin Binding Site", Cell, Vol. 60, pgs. 577-584, (February 1990).	
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